

# Figure 1: Examples of Nuclease Stable Ribozyme Motifs



*Figure 2: 2'-O-Me substituted Amberzyme Enzymatic Nucleic Acid Motif*

U,C = 2'-NH<sub>2</sub>-U,C

Lower case = 2'-O-Me

Uppercase = Ribo

g a a  
a

A. C.  
H. G.

Amberzyme

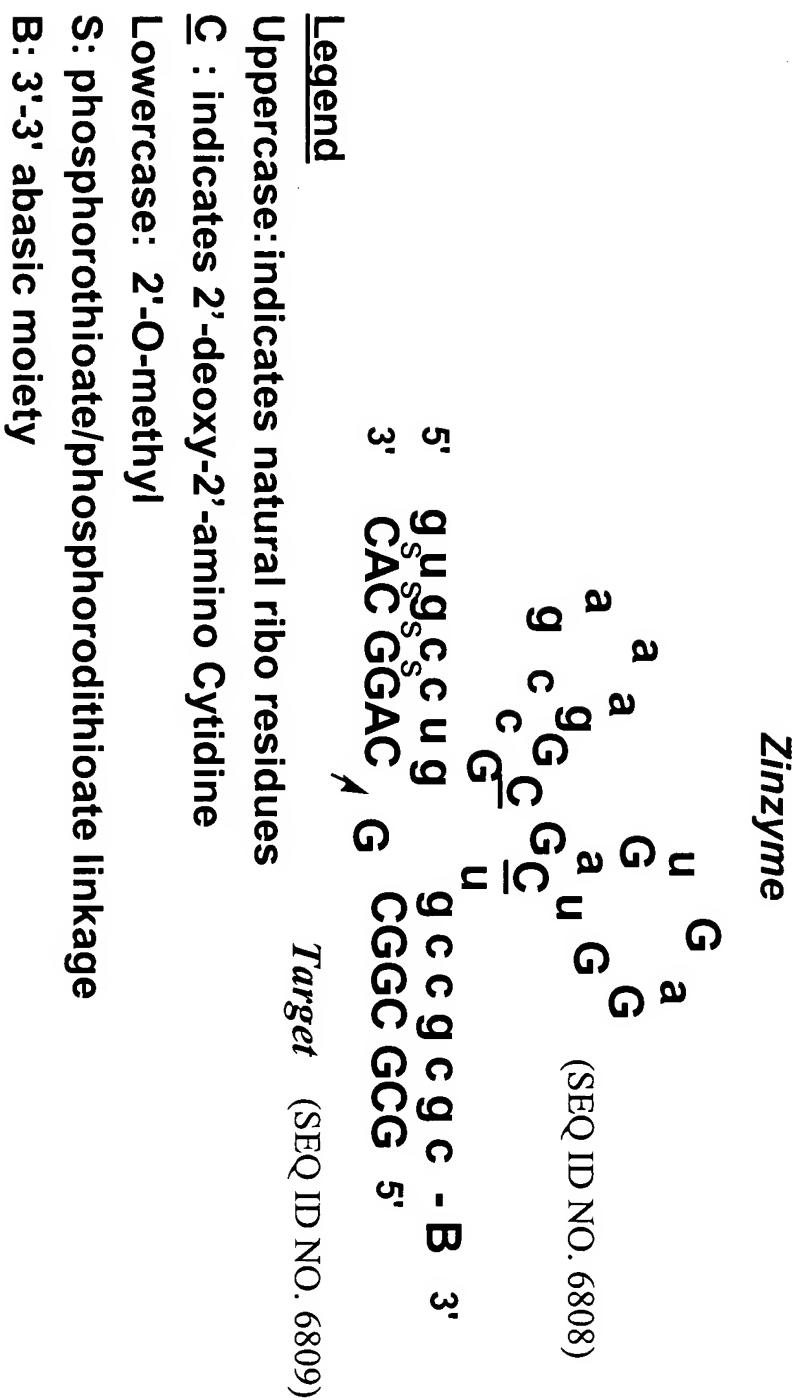
(SEQ ID NO. 6806)

Diagram illustrating the ribozyme cleavage mechanism at position 48. The RNA structure is shown with various nucleotides labeled (a, c, g, u) and positions numbered 3' and 5'. An arrow indicates the cleavage site between positions 48 and 49.

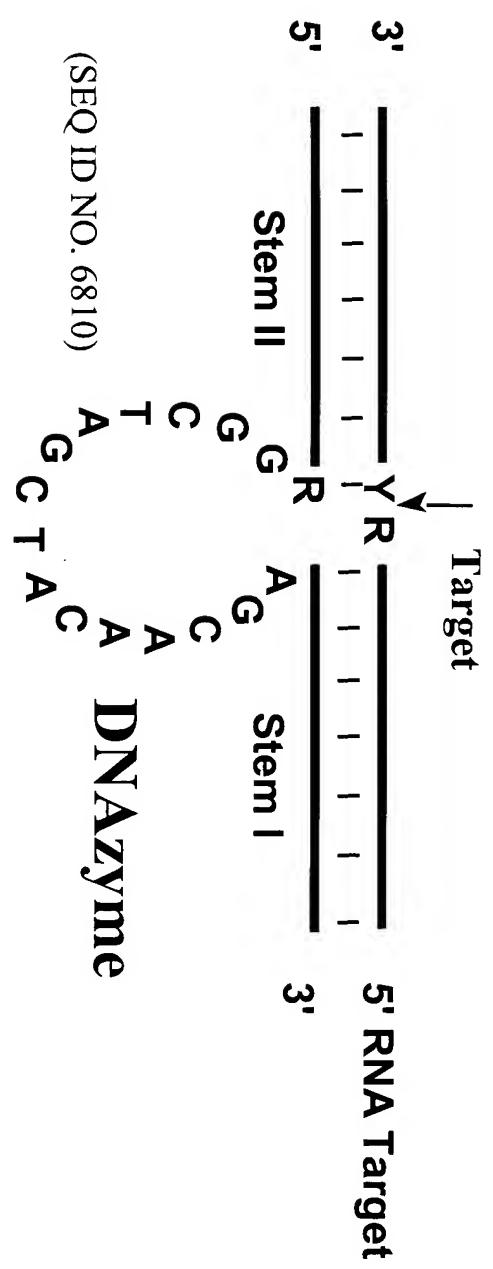
5' A G U C G U C G U C  
 3' G C A U G C G U C  
 ↓  
**Substrate**

(SEQ ID NO. 6807)

*Figure 3: Stabilized Zinzyme Ribozyme Motif*



*Figure 4: DNAzyme Motif*



Legend  
Y = U or C  
R = A or G